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THE JUNIPER WEBWORM AND THE LARCH CASE-BEARER

Juniper webworm. -- A common pest of ornamental juniper is the juniper webworm. This species is known to occur in the Atlantic States from Virginia to New York but probably has a much wider distribution. It feeds on the needles and webs masses of them together, turning considerable areas of ornamental plants brown. It can be controlled by spraying with a lead arsenate mixture, prepared 5 teaspoonfuls of lead arsenate and 1 ounce of soap to one gallon of water, if this is kept well mixed and is applied at the proper time. The best time to spray for this species is early in the fall when the young webworm caterpillars are starting to feed, but it should also be worth while to spray the following spring when the overwintering caterpillars begin their spring feeding.

Larch case-bearer. -- This insect has been quite abundant in the northeastern United States and has been responsible for a good deal of injury to ornamental and natural larch in recent years. The following suggestions are made for the control of the species: Spraying with a standard brand of miscible oil, oil emulsion, or lime-sulphur at the dormant strength recommended by the manufacturer of the particular product used, to kill the overwintering case bearers during the dormant period; also spraying with a mixture prepared lead arsenate 5 teaspoonfuls, nicotine sulphate 1 teaspoonful, soap 1 ounce, and water 1 gallon, applying the material during August and again in the early spring when new growth and the spring feeding of the insect commence.

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